

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A ~~remote control (1)~~remote control for a heavy construction machine ~~of the type~~ comprising:
 - a ~~body (2)~~body which comprises at least one ~~avity (5, 63)~~cavity running between an ~~open end (6, 65)~~ opening onto at least a top ~~face (7)~~ of the ~~body (2)~~body and a ~~bottom (8, 66)~~bottom at the opposite end to the open end,
 - at least one ~~first pushrod (3, 62)~~first pushrod which runs between a ~~head end (12, 67)~~ and a ~~foot end (13, 69)~~, which is mounted to slide back and forth in said at least one ~~cavity (5, 63)~~ of the ~~body (2)~~ in an axial direction between a rest position and a depressed position, and which is intended to control at least a first receiver external to the remote control, and
 - a ~~handle (4)~~ which comprises a ~~transverse skirt (10)~~transverse skirt (10) and which is mounted to pivot with respect to the ~~body (2)~~ opposite the top ~~face (7)~~ of said ~~body (2)~~ to control the back and forth movement of said ~~first pushrod (3, 62)~~, the ~~skirt (10)~~ simply resting against the ~~head end (12, 67)~~ of said ~~pushrod (3, 62)~~, and the axis (Y-Y) of the ~~handle (4)~~ making a variable acute angle with the axis (X-X) of the ~~pushrod (3, 62)~~, wherein the handle extends parallel to the axis of the pushrod when the pushrod is in the rest position,

~~characterized in that~~wherein at least the ~~head end (12, 67)~~ of the ~~first pushrod (3, 62)~~ can also move toward a protruding position which is on the opposite side of said rest position to the depressed position,

~~in that~~ first elastic return ~~means (15, 74)~~ urge the ~~head end (12, 67)~~ of the ~~pushrod (3, 62)~~ toward its protruding position so that at least the ~~head~~

~~end~~ ~~head end~~ (12, 67) of the first ~~pushrod~~ ~~pushrod~~ (3, 62) has an autonomous upward movement,

the head (12, 67) of the first push rod (3, 62) has an autonomous rising movement to follow the skirt (10) when the handle (4) is swiveled, and

in that the remote ~~control~~ ~~control~~ (1) further comprises detection ~~means~~ ~~means~~ (17) for detecting ~~the every~~ position occupied by the head end of the first ~~pushrod~~ ~~pushrod~~ (3, 62) comprising a rest position, a depressed position, and a protruding position occupied by the head end of the first pushrod between its ~~protruding withdrawn~~ and ~~depressed pushed-down~~ positions.

2. (Currently Amended) The remote ~~control~~ ~~control~~ (1) as claimed in claim 1, ~~characterized in that~~ wherein the detection ~~means~~ ~~means~~ (17) are ~~of the type~~ free of mechanical contact.

3. (Currently Amended) The remote ~~control~~ ~~control~~ (1) control as claimed in claim 2, ~~characterized in that~~ wherein the detection ~~means~~ (17) means comprise a ~~magnet (40)~~ magnet which moves as one with the head end of the ~~pushrod~~ ~~pushrod~~ (3, 62).

4. (Currently Amended) The remote ~~control~~ ~~control~~ (1) control as claimed in claim 1, ~~characterized in that~~ wherein the ~~eavity~~ (5) cavity is stepped and comprises a first ~~shoulder~~ (20) shoulder substantially transverse to the movement of the first ~~pushrod~~ (3) pushrod, and in that said ~~pushrod~~ (3) pushrod comprises an intermediate ~~portion~~ (22) portion which moves as one with the head ~~end~~ (12) end and the foot ~~end~~ (13) end of the ~~pushrod~~ (3) pushrod and is located between its head ~~end~~ (12) end and its foot ~~end~~ (13) end and delimits a top ~~stop~~ (23) stop and a bottom ~~stop~~ (24) stop, the top ~~stop~~ (23) stop coming to rest against the first shoulders ~~shoulder~~ (20) when the ~~pushrod~~ (3) pushrod is in the protruding position and the bottom ~~stop~~ (24) stop coming to rest against the ~~bottom~~ (8) bottom of the ~~eavity~~ (5) cavity when said ~~pushrod~~ (3) pushrod is in the depressed position.

5. (Currently Amended) The remote ~~control~~(1)control as claimed in claim 4, ~~characterized in that~~wherein the first return ~~means~~(15)means are housed in the ~~cavity~~(5)cavity.

6. (Currently Amended) The remote ~~control~~(1)control as claimed in claim 4, ~~characterized in that~~wherein the first return ~~means~~(15)means comprise a ~~collar~~(26)collar borne by the intermediate ~~portion~~(22)portion near the top ~~stop~~(23) and a first compression ~~spring~~(27) inserted between the ~~collar~~(26) and the ~~bottom~~(8) of the ~~cavity~~(5)cavity.

7. (Currently Amended) The remote ~~control~~(1)control as claimed in claim 1, ~~characterized in that~~wherein the ~~cavity~~(63)cavity comprises a ~~shoulder~~(64)shoulder substantially transverse to the movement of the first ~~pushrod~~(62)pushrod, and in that said ~~pushrod~~(62)pushrod comprises a head ~~end~~(67)end and a foot ~~end~~(69)end that move together as one and are able to move translationally along the axis (X-X) of the ~~pushrod~~(62)pushrod with respect to an intermediate ~~portion~~(70)portion which is situated between the head ~~end~~(67)end and the foot ~~end~~(69)end and delimits a top ~~stop~~(75)stop and a bottom ~~stop~~(76)stop, the top ~~stop~~(75)stop coming to rest against the ~~shoulder~~(64)shoulder when the head ~~end~~(67)end of the ~~pushrod~~(62)pushrod is between its rest position and its protruding position and the bottom ~~stop~~(76)stop coming to rest against the ~~bottom~~(66) of the ~~cavity~~(63)cavity when said ~~pushrod~~(62)pushrod is in the depressed position.

8. (Currently Amended) The remote ~~control~~(1)control as claimed in claim 7, ~~characterized in that~~wherein the first elastic return ~~means~~(74)means are housed between the head ~~end~~(67)end of the pushrod and the intermediate ~~portion~~(70) of the ~~pushrod~~(62)pushrod.

9. (Currently Amended) The remote ~~control~~(1)control as claimed in claim 7, ~~characterized in that~~wherein the first elastic return means comprise a first compression ~~spring~~

~~(74)spring~~ inserted between the head ~~end~~ ~~(67)end~~ of the pushrod and the intermediate ~~portion~~ ~~(70)portion~~ of the ~~pushrod~~ ~~(62)pushrod~~.

10. (Currently Amended) The remote ~~control~~ ~~(1)control~~ as claimed in claim 1, ~~characterized in that~~ wherein second elastic return ~~means~~ ~~(30, 77)means~~ are housed in the ~~eavity~~ ~~(5, 63)cavity~~ to return the first ~~pushrod~~ ~~(3, 62)pushrod~~ from its depressed position to its rest position.

11. (Currently Amended) The remote ~~control~~ ~~(1)control~~ as claimed in claim 10, ~~characterized in that~~ wherein the second return ~~means~~ ~~means~~ ~~(30)~~ comprise a ~~ring~~ ~~(31)ring~~ concentric with the first ~~pushrod~~ ~~(3)pushrod~~, a second compression ~~springs~~ ~~spring~~ ~~(32)~~ inserted between the ~~ring~~ ~~(31)ring~~ and the ~~bottom~~ ~~bottom~~ ~~(8)~~ of the ~~eavity~~ ~~(3)cavity~~, and a peripheral ~~relief~~ ~~relief~~ ~~(33)~~ moving as one with the first ~~pushrod~~ ~~pushrod~~ ~~(3)~~ and intended to come to rest against the ~~ring~~ ~~(31)ring~~, the ~~cavity~~ ~~eavity~~ ~~(5)~~ further comprising a second ~~shoulders~~ ~~shoulder~~ ~~(35)~~ against which the ~~ring~~ ~~(31)ring~~ abuts when the first ~~pushrod~~ ~~(3)pushrod~~ is in the rest position.

12. (Currently Amended) The remote ~~control~~ ~~(1)control~~ as claimed in claim 10, ~~characterized in that~~ wherein the second return ~~means~~ ~~means~~ ~~(77)~~ comprise a ~~eollar~~ ~~(78)collar~~ borne by the intermediate ~~portion~~ ~~(70)portion~~ near the top ~~stop~~ ~~(75)stop~~ and a second compression ~~springs~~ ~~spring~~ ~~(79)~~ inserted between the ~~eollar~~ ~~(78)collar~~ and the ~~bottom~~ ~~bottom~~ ~~(66)~~ of the ~~cavity~~ ~~eavity~~ ~~(62)~~.

13. (Currently Amended) The remote ~~control~~ ~~(1)control~~ as claimed in claim 1, ~~characterized in that~~ wherein a second ~~pushrod~~ ~~(50, 80, 87)pushrod~~ is mounted in a second ~~cavity~~ ~~eavity~~ ~~(51, 82)~~ of the ~~body~~ ~~(2)body~~, the second ~~pushrod~~ ~~(50, 80, 87)pushrod~~ being elastically urged by a third compression ~~springs~~ ~~spring~~ ~~(60, 86)spring~~ in such a way that the force that has to be exerted on the ~~handle~~ ~~(4)handle~~ in order to depress one of the ~~first~~ ~~(3, 62)first~~ and ~~second~~ ~~(50, 80, 87)second~~ pushrods is more or less constant.

14. (Currently Amended) The remote ~~control~~(1)control as claimed in claim 13, ~~characterized in that~~wherein the second ~~cavity~~(82)cavity is symmetric with the first cavity with respect to the axis of the ~~handle~~handle(4) in the rest position.

15. (Currently Amended) The remote ~~control~~(1)control as claimed in claim 13, ~~characterized in that~~wherein at least the head ~~end~~(88)end of the second ~~pushrod~~(87)pushrod is able to move toward a protruding position which is on the opposite side of said rest position to the depressed position and in that elastic return ~~means~~(90)means urge the head ~~end~~(88)end of the ~~pushrod~~(87)pushrod toward its protruding position so that at least the head ~~end~~(88)end of the second ~~pushrod~~(87)pushrod has an autonomous upward movement.

16. (Currently Amended) The remote ~~control~~(1)control as claimed in claim 1, ~~characterized in that~~wherein the foot ~~end~~(13, 69)end of the first ~~pushrod~~(3, 62)pushrod is mounted such that it passes through the ~~bottom~~(8, 66)bottom of the ~~cavity~~(5, 63)cavity and internally bears the ~~a magnet~~(40)magnet.

17. (Currently Amended) The remote ~~control~~(1)control as claimed in claim 16, ~~characterized in that~~wherein a Hall-effect ~~sensor~~(41)sensor is mounted in the ~~body~~(2)body of the remote ~~control~~(1)control facing the movement of the ~~magnet~~(40)magnet between the depressed and protruding positions of the first ~~pushrod~~(3, 62)pushrod.

18. (Currently Amended) The remote ~~control~~(1)control as claimed in claim 13, ~~characterized in that~~wherein the second ~~pushrod~~pushrod(50, 80, 87) is located on the opposite side of the axis of the ~~handle~~handle(4) to the first ~~pushrod~~pushrod(3, 62).

19. (Currently Amended) The remote ~~control~~(1)control as claimed in claim 17, ~~characterized in that~~wherein the Hall-effect ~~sensorsensor~~(41) is potted in resin so that it is situated in a sealed location.